

DOCKET NO.: 217206US3PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yoshihko FUNAKOSHI, et al.

SERIAL NUMBER: 09/926,811

FILED: December 21, 2001

FOR: RADIOACTIVE SUBSTANCE CONTAINER, MANUFACTURING APPARATUS
THEREOF AND MANUFACTURING METHOD THEREOF

RESPONSE TO NOTICE OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371

ASSISTANT COMMISSIONER FOR PATENTS & TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

Responsive to the notification dated **January 24, 2002**, and in accordance with the provisions of 35 U.S.C. 371, Applicants submit herewith a Rule 63 Declaration.

The required surcharge was paid at the time of filing the application.

In light of the foregoing, this application is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

Our check in the amount of \$-0.00- is attached hereto. If any variance exists between the amount enclosed and the required Government fee, please charge or credit the difference to our Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136 and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



22850

A handwritten signature in cursive script, appearing to read "C. Irvin McClelland".

C. Irvin McClelland
Attorney of Record
Registration No. 21,124
Surinder Sachar
Registration No. 34,423

(703)413-3000

DTY



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/926,811	Yoshihiko Funakoshi	217206US3PCT

INTERNATIONAL APPLICATION NO.
PCT/JP01/02420

I.A. FILING DATE	PRIORITY DATE
03/26/2001	04/25/2000

22850
 OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC
 FOURTH FLOOR
 1755 JEFFERSON DAVIS HIGHWAY
 ARLINGTON, VA 22202

CONFIRMATION NO. 4840

371 FORMALITIES LETTER



OC000000007337188

Date Mailed: 01/24/2002

DD 3-64-02

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- U.S. Basic National Fees
- Priority Document
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Preliminary Amendments
- Request for Immediate Examination

RECEIVED

MAR 07 2002

OBLON, SPIVAK, McCLELLAND,
 MAIER & NEUSTADT, P.C.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

WINSTON M ALVARADO

Telephone: (703) 305-6421

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO
09/926,811	PCT/JP01/02420	217206US3PCT

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者（下記の名称が複数の場合）であると信じています。

上記発明の明細書は、

- ☐ 本書に添付されています。
- ☐ ____月____日に提出され、米国出願番号または特許協定条約国際出願番号を____とし、
(該当する場合) ____に訂正されました。

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled.

RADIOACTIVE SUBSTANCE CONTAINER,
MANUFACTURING APPARATUS THEREOF
AND MANUFACTURING METHOD THEREOF

the specification of which

- ☐ is attached hereto.
- ☒ was filed on Dec. 21, 2001 ✓
as United States Application Number or
PCT International Application Number
09/926,811 ✓ and was amended on
____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条 (a) - (d) 項又は365条 (b) 項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365 (a) 項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)

外国での先行出願

2000-124778 /	Japan /
(Number) (番号)	(Country) (国名)
2000-205872 /	Japan /
(Number) (番号)	(Country) (国名)

私は、第35編米国法典119条 (e) 項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、下記の米国法典第35編120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条 (c) に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、私自信の知識に基づいて本宣言書で私が行なう表明が真実であり、かつ私の入手した情報と私の信じるところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

25/Apr./2000 /	
(Day/Month/Year Filed) (出願年月日)	
5/June/2000 /	
(Day/Month/Year Filed) (出願年月日)	

Priority Claimed

優先権主張

<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes はい	No いいえ
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes はい	No いいえ

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration

(日本語宣言書)

委任状：私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。
(弁護士、または代理人の指名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)



022850

書類送付先

Send Correspondence to:



022850

直接電話連絡先：(名前及び電話番号)

Direct Telephone Calls to: (name and telephone number)

(703) 413-3000

単独発明者または第一の共同発明者の氏名	Full name of sole or first joint inventor <u>Yoshihiko FUNAKOSHI</u>
発明者の署名 日付	Inventor's signature <u>Yoshihiko Funakoshi</u> Date <u>Jan. 7, 2002</u>
住所	Residence Fukuoka, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address c/o JAPAN CASTING & FORGING CORPORATION
	46-59, Sakinohama, Nakabaru, Tobata-ku, Kitakyusyu-shi, Fukuoka 804-0002 Japan
第二の共同発明者の氏名	Full name of second joint inventor, if any <u>Takeshi TSUNEZUMI</u>
第二の共同発明者の署名 日付	Second joint Inventor's signature <u>Takeshi Tsunozumi</u> Date <u>Jan. 7, 2002</u>
住所	Residence Fukuoka, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address c/o JAPAN CASTING & FORGING CORPORATION
	46-59, Sakinohama, Nakabaru, Tobata-ku, Kitakyusyu-shi, Fukuoka 804-0002 Japan

(第三以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration

(日本語宣言書)

第三の共同発明者の氏名	Full name of third joint inventor, if any <u>Naohiro MIZUNO</u>
第三の共同発明者の署名 日付	Third joint Inventor's signature Date <u>Naohiro Mizuno</u> Jan. 7, 2002
住所	Residence Fukuoka, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address c/o JAPAN CASTING & FORGING CORPORATION
	46-59, Sakinohama, Nakabaru, Tobata-ku, Kitakyusyu-shi, Fukuoka 804-0002 Japan

第四の共同発明者の氏名	Full name of fourth joint inventor, if any <u>Katsuhiko TOKUNO</u>
第四の共同発明者の署名 日付	Fourth joint Inventor's signature Date <u>K. Tokuno</u> Jan. 7, 2002
住所	Residence Fukuoka, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address c/o JAPAN CASTING & FORGING CORPORATION
	46-59, Sakinohama, Nakabaru, Tobata-ku, Kitakyusyu-shi, Fukuoka 804-0002 Japan

第五の共同発明者の氏名	Full name of fifth joint inventor, if any <u>Chikayuki MATSUMOTO</u>
第五の共同発明者の署名 日付	Fifth joint Inventor's signature Date <u>Chikayuki Matsumoto</u> Jan. 7, 2002
住所	Residence Fukuoka, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address c/o JAPAN CASTING & FORGING CORPORATION
	46-59, Sakinohama, Nakabaru, Tobata-ku, Kitakyusyu-shi, Fukuoka 804-0002 Japan

第六の共同発明者の氏名	Full name of sixth joint inventor, if any
第六の共同発明者の署名 日付	Sixth joint Inventor's signature Date
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者（下記の名称が複数の場合）であると信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled.

RADIOACTIVE SUBSTANCE CONTAINER,

MANUFACTURING APPARATUS THEREOF

AND MANUFACTURING METHOD THEREOF

上記発明の明細書は、

the specification of which

☐ 本書に添付されています。

☐ is attached hereto.

☐ ____月____日に提出され、米国出願番号または特許協定条約国際出願番号を____とし、
(該当する場合) ____に訂正されました。

☒ was filed on Dec. 21, 2001
as United States Application Number or
PCT International Application Number
09/926,811 and was amended on
____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration
(日本語宣言書)

私は、米国法典第35編119条 (a) - (d) 項又は365条 (b) 項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365 (a) 項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)
外国での先行出願

2000-124778 ✓	Japan -
(Number) (番号)	(Country) (国名)
2000-205872 ✓	Japan ✓
(Number) (番号)	(Country) (国名)

私は、第35編米国法典119条 (e) 項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、下記の米国法典第35編120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条 (c) に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、私自信の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じているところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

25/Apr./2000 ✓
(Day/Month/Year Filed) (出願年月日)
5/June/2000 ✓
(Day/Month/Year Filed) (出願年月日)

Priority Claimed
優先権主張

<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes はい	No いいえ
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes はい	No いいえ

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration
(日本語宣言書)

委任状：私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。
(弁護士、または代理人の指名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)



022850

書類送付先

Send Correspondence to:



022850

直接電話連絡先：(名前及び電話番号)

Direct Telephone Calls to: (name and telephone number)
(703) 413-3000

6-00 単独発明者または第一の共同発明者の氏名		Full name of sole or first joint inventor <u>Yoshiharu TAURA</u>	
発明者の署名	日付	Inventor's signature <u>Yoshiharu Taura</u>	Date Jan. 7, 2002
住所		Residence Hiroshima, Japan	
国籍		Citizenship Japanese	
郵便の宛先		Post Office Address -c/o Paper & Printing Machinery Division, MITSUBISHI HEAVY INDUSTRIES, LTD.	
		5007, Itozaki-cho, Mihara, Hiroshima, 729-0393 Japan	
7-00 第二の共同発明者の氏名		Full name of second joint inventor, if any <u>Shigenori SHIROGANE</u>	
第二の共同発明者の署名	日付	Second joint Inventor's signature <u>Shigenori Shirogane</u>	Date Jan. 7, 2002
住所		Residence Hiroshima, Japan	
国籍		Citizenship Japanese	
郵便の宛先		Post Office Address -c/o HIROSHIMA Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima, Hiroshima 733-8553 Japan	

(第三以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration

(日本語宣言書)

8-00

第三の共同発明者の氏名	Full name of third joint inventor, if any <u>Katsunari OHSONO</u>
第三の共同発明者の署名	Third joint Inventor's signature <u>Katsunari Ohsono</u> Jan. 7, 2002
住所	Residence Hyogo, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address -c/o KOBE Shipyard & Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD. 1-1, Wadasaki-cho 1-chome, Hyogo-ku, Kobe, Hyogo 652-8585 Japan

9-00

第四の共同発明者の氏名	Full name of fourth joint inventor, if any <u>Toshihiro MATSUOKA</u>
第四の共同発明者の署名	Fourth joint Inventor's signature <u>Toshihiro Matsuoka</u> Jan. 7, 2002
住所	Residence Hyogo, Japan
国籍	Citizenship Japanese
郵便の宛先	Post Office Address -c/o KOBE Shipyard & Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD. 1-1, Wadasaki-cho 1-chome, Hyogo-ku, Kobe, Hyogo 652-8585 Japan

第五の共同発明者の氏名	Full name of fifth joint inventor, if any
第五の共同発明者の署名	Fifth joint Inventor's signature
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

第六の共同発明者の氏名	Full name of sixth joint inventor, if any
第六の共同発明者の署名	Sixth joint Inventor's signature
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)